What is claimed is:

2 1.

A heat exchanger comprising;

an evaporator;

a blower;

an air inlet unit; and

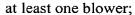
an air outlet unit,

wherein air is fed from outside into the inner part of the heat exchanger through the air inlet unit and then the air flows towards the blower through a first predetermined portion 10 of the evaporator to thereby supply first heat-exchanged air and thereafter, the first heat-exchanged air is fed to the air outlet unit through a second predetermined portion of the evaporator by the blowing operation of the blower to thereby supply second heat-exchanged air.

- The heat exchanger according to claim 1, wherein the blower is located opposite to the air inlet unit and the air outlet unit with regard to the evaporator, wherein the blower, the air inlet unit and the air outlet unit are arranged horizontally on a substantially same plane.
- 3. The heat exchanger according to claim 2, wherein the air inlet unit is located in front 20 of the first predetermined portion of the evaporator, and the air outlet unit is located in front of the second predetermined portion of the evaporator.
- 4. The heat exchanger according to claim 3, wherein the first predetermined portion and the second predetermined portion are a center portion and an end portion of the 25 evaporator, respectively.
 - 5. The heat exchanger according to claim 3, wherein the first predetermined portion and the second predetermined portion are an end portion and a center portion of the evaporator, respectively.

30

- 6. The heat exchanger according to claim 1, further comprising a guide unit for guiding flow of the first heat-exchanged air.
 - 7. A heat exchanger comprising:
- an evaporator having a first predetermined portion and a second predetermined portion;



at least one air inlet; and

at least one air outlet,

wherein the first predetermined portion of the evaporator is disposed between the at 5 least one air inlet and the blower and the second predetermined portion of the evaporator is disposed between the blower and the at least one air outlet.

- 8. The heat exchanger according to claim 7, wherein the at least one air inlet and the at least one air outlet are arranged horizontally on substantially the same plane.
- 9. The heat exchanger according to claim 7, wherein the at least one air inlet is located in front of the first predetermined portion of the evaporator and the at least one air outlet is located in front of the second predetermined portion of the evaporator.
- 15 10. The heat exchanger according to claim 7, wherein the first predetermined portion and the second predetermined portion are a center portion and an end portion of the evaporator, respectively.
- 11. The heat exchanger according to claim 7, wherein the first predetermined portion 20 and the second predetermined portion are a center portion and an end portion of the evaporator, respectively.
- 12. Theat exchanger according to claim 7, further comprising a guide unit for directing air flow from the at least one air inlet through the first predetermined portion of the 25 evaporator to the blower.
 - 13. The heat exchanger according to claim 7, further comprising a guide unit for directing air flow from the blower through the second predetermined portion of the evaporator to the at least one air outlet.

30

- 14. A method of conditioning air comprising the steps of:
 - (a) providing the heat exchanger of claim 7;
 - (b) providing unconditioned air into the at least one air inlet;
- (c) feeding at least a portion of the unconditioned air through a first

35 predetermined portion of the evaporator towards the blower;

directing at least a portion of the first heat-exchanged air from the blower through a second predetermined portion of the evaporator.

5

10

I I Call the rest of the second of the secon 15 20

25

30

35